

# FOLIO

## World University Games Gets New Logo

On 2 June 1981, the Universiade 83 Edmonton Corporation unveiled a new "logo" for the 1983 games. Designed by Mauro Cotechini and submitted as a competitor in the widely-advertised Games logo and symbol contest, the logo was chosen "for its unique, innovative design illustrating Canadian strength and excitement" in the games to be held under the auspices of the Fédération Internationale du Sport Universitaire.

The designer, Mr. Cotechini of the Edmonton-based studio of Cotechini Associates, explains the rationale of the logo: "In giving the Universiade an identification, I looked for a modern and futuristic design. I was inspired by the ribbon of victory which embodies the kinetic energy of athletic competition and forms the letter 'U' that symbolizes the University's connection to the Games. The lowercase letter 'e' represents the City of Edmonton as host city."

"The dove which symbolizes freedom, peace and brotherhood of the Games stretches across the five color bands representing the five continents. The maple leaf tells the world the Universiade is to be held in Canada."

"I am looking forward to the success of the World University Games," Mr. Cotechini also said. "If the hard work and spirit of my staff is any indication, Universiade 83 will bring out the best that Edmonton has to offer."

The logo designed by Mr. Cotechini replaces the other temporary designs that, until now, have been associated with the Games. The announcement of the

### Universiade '83



Edmonton·Canada

Games' symbol on 2 June marks a new stage in the organization and promotion of the international athletic event. The symbol's designer will travel to Bucharest, Romania, for the 1981 Summer Universiade—his prize for submitting the winning design.

#### Other Universiade news

Three more appointments have been made to the organization of the Games. Robert (Bob) Steadward, of the University's Department of Physical Education, will join the Universiade 83 Edmonton Corporation as Vice-President (Accommodations). Dr. Steadward, currently on study leave in Australia, is known world-wide for his work in disabled athletics and wheelchair sports. A member of staff here since 1974, he participated actively in the organization of the XI Commonwealth Games and is equally active in the Canadian Association for Health, Physical Education and Recreation.

C. Durban Morrow has been appointed to the position of Manager (Publicity and Promotion). A graduate of Simon Fraser University, Mr. Morrow has an extensive background in tourism marketing which admirably suits him to the task in hand. After beginning his career in the profession with CP Air, Mr. Morrow has worked for the Government of Canada in Chicago, Los Angeles and New York. His most recent appointment was as Regional Manager, Tourism

Development Alberta and Northwest Territories.

The third new appointee named on 2 June is Carol Gilfillan. From 1 July 1981, she will be Program Manager (Protocol and Culture Division). A senior family and marriage counsellor with the Family Service Association in Edmonton for some thirteen years, Carol Gilfillan was most recently Special Ceremonies Officer for the Alberta 75th Anniversary Commission. □

## Board Briefs

The latest regular meeting of the Board took place on Friday, 5 June. The following items were among those discussed.

■ The Board approved an amended version of the Student Housing Policy (for an earlier version, see *Folio*, 9 April 1981). Among the amendments are statements that "surplus available accommodation" will be offered according to a set of priorities: our Spring and Summer Session students first; summer residence for students registered at other Albertan universities, and similar residence for students registered at other Canadian universities. Also, in the planning of new student housing, provision will be made for accommodating fraternity and cooperative student housing groups.

■ \$325,000 was authorized for altering the foyer of the Administration Building to accommodate

the expansion of the student access centre.

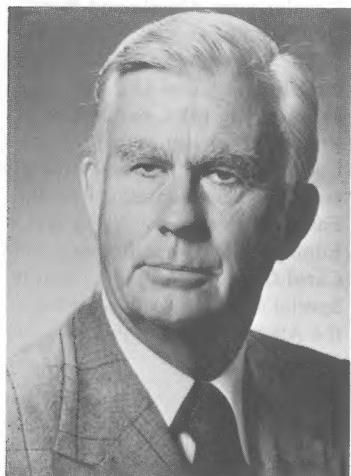
■ An Academic Concerns Committee Report on Annual Review of Quotas was approved. Contained in the report were two May 1981 amendments to the effect that twenty-five more transfer students will be accepted into the Faculty of Business Administration and Commerce, and six more into the Faculty of Nursing in 1981. The quota for admission into the Faculty of Physical Education and Recreation was suspended.

■ Graduate Assistantship rates were revised upwards by 11 percent.

■ The Board ratified amendments to the Board/AAS:UA Agreement as it affects Administrative and Professional Officers and Librarians. With regard to the

APO agreement, the Board found difficulty with those sections referring to the award of salary increments; i.e. should they be given annually in recognition of satisfactory performance or should they be awarded for merit? The section in question (9) was not ratified pending further discussion.

■ William David (Dave) Usher joins the Board as an Alumni representative. Mr. Usher is a 1949 graduate with a BSc in Civil



Engineering. President of W.D. Usher & Associates Limited (a surveying firm founded in 1929)

## FOLIO

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Folio  
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and incorporated in 1957), Mr Usher has many professional involvements. He has been President of the Alberta Land Surveyors; Vice-President of the Kiwanis Club of Edmonton; Chairman of the Edmonton Branch of the Engineering Institute of Canada; Vice-President of the Association of Professional Engineers, Geologists and Geophysicists of Alberta; Chairman of the Board of Stewards of McDougall United Church; President of the Alumni Association; and President of the Canadian Institute of Surveying. Currently, Mr. Usher is engineering representative for our Alumni Association. □

### Professorship in Occupational Health

Shell Canada, Celanese Corporation, Nova and Petro-Can have donated to the University funds amounting to \$90,000 per year for a three-year period. A matching grant from the provincial government is anticipated. These funds will enable the appointee to the Professorship to develop undergraduate and graduate programs in occupational health, initiate research into occupational health hazards, and establish at this University a unit that will provide the necessary resources and expertise to promote the health of Alberta workers. □

### Faculty Women's Club

A beautiful spring afternoon and the comfort of University House combined to welcome the honorary and retired members of the Faculty Women's Club who gathered recently to enjoy tea with Barbara Horowitz, the hostess, and the executive members of the club. This annual event provides the opportunity for many women to meet their friends who were active in university affairs over past years; and to meet recent retirees and this year's executive. □

## Chemical Institute Honors Ayer

William A. Ayer, Professor of Organic Chemistry at this University and member of staff here since 1958, has received the Chemical Institute of Canada's John Labatt Limited Award. The award, presented at the CIC's annual meeting, in Halifax, from 1 to 3 June, is made in recognition of outstanding achievement in the field of biochemical or organic chemical research and is related particularly to the area of biological systems. Dr. Ayer, on receiving the award (which carries with it a \$1,000 honorarium and a framed scroll), gave the award address. His topic at the CIC meeting was "Some Fungal Metabolites of Biological Interest."

Dr. Ayer, who graduated from the University of New Brunswick with baccalaureate and doctoral degrees before serving as a Post-Doctoral Fellow at Harvard University, has been interested for many years in biologically-orientated problems involving alkaloids and natural products.

The citation in the CIC's program for its annual meeting (*Chemistry in Canada*, April 1981, p. 24) succinctly summarizes Dr. Ayer's endeavors:

"He has examined compounds from starfish which cause a swimming response in sea anemones, defensive secretion of ladybugs, and he is currently exploring the chemistry of economically important fungi of trees. This work holds great promise and he is studying the metabolites of the *Stereum purpureum* fungus which causes "silver leaf disease" of apple and plum trees etc., and is testing the isolated compounds for various activities.

"Also, Professor Ayer has developed procedures to culture the fungus responsible for Western Pine gall in the laboratory. From this research an interesting chlorine containing aromatic compound was isolated, which holds promise for the control of the fungi responsible for Dutch elm disease. □



"His current research interests are in this area of the isolation, structure, and biological activity of compounds produced by plant disease-causing fungi. He has published some 90 research papers."

The Chemical Institute of Canada previously honored Dr. Ayer with the Merck Sharpe and Dohme Lecture Award. A colleague of his, R.B. Jordan, was elected a Fellow of the CIC at the same meeting in Halifax. □

### This Week's Quote

*"We feel the awards themselves should be tokens, and not substantial monetary or similar rewards, since our merit increment structure will surely have already rewarded our excellent teachers with money and promotion to their hearts' content."*

Source: "A Proposal to Institute Awards for Excellence in Undergraduate Teaching at the University of Alberta" submitted to GFC by the Committee for the Improvement of Teaching and Learning. When questioned on this statement by members of the GFC Executive Committee, Gary Kelly (CITL's Chairman) suggested that there was room for irony in such a preliminary report. □

## New Dean of Nursing Appointed

Jannetta MacPhail has been named the University's new Dean of Nursing. The appointment of Dr. MacPhail to a five-year term beginning a year from now, in July 1982, was made at the meeting of the Governors on Friday, 5 June.

Currently Professor and Dean at the Frances Payne Bolton School of Nursing in Cleveland, Ohio, Dr. MacPhail will bring with her a welter of experience at all levels of the nursing profession. A native of Renfrew, Ontario, she has been a staff nurse at Victoria Hospital in London, Ontario; a supervisor and maternity instructor in the School of Nursing at the Kitchener-Waterloo Hospital; a lecturer and coordinator, maternal and child nursing, at the University of Toronto.

School of Nursing; and, along with her other current positions, is Administrative Associate at Case Western Reserve's School of Nursing in Cleveland.

Dr. MacPhail earned a Bachelor of Science degree at Columbia University, a Master of Science degree in Nursing at Wayne State University in Detroit, and a doctorate in the administration of higher education at the University of Michigan in Ann Arbor.

A consultant to a number of institutions both in Canada and the United States, she has also published in such professional journals as the *American Journal of Nursing*, the *Journal of Nursing Administration*, the *Canadian Nurse and Nurse Educator*. □

## Departmental Chair Appointments

Assorted appointments continue to be made as another academic year draws nigh. Three recent appointments are those of Albert Nedd as Chairman of the Department of Organizational Analysis; Clive Padfield as Chairman of the Department of Movement Education; and Garry Smith as Chairman of the Department of Athletic Services.

The time frame for Drs. Nedd and Padfield is three years; Dr. Smith's appointment is for a four-year period.

Dr. Nedd's initial appointment The University of Alberta and occurred in 1970, at which time he was an Associate Professor. He achieved the rank of Professor in 1976. The possessor of a PhD from Cornell University, Dr. Nedd's research interests take in the structure and dynamics of complex organizations and cross-cultural explorations of individual and organizational behavior. In 1976-77, he was Visiting Professor of Industrial Relations at the University of Auckland.

Dr. Padfield is a graduate of The University of Alberta and of the University of Southern California. He received his PhD

from the latter institution in 1979. An assistant Professor of Movement Education from 1976-80 when he was appointed Associate Professor, Dr. Padfield's teaching experience includes Creative Dance; Educational Gymnastics; Creative Dance for Young Children; and Advanced Creative Dance, Gymnastics and Games. He is currently Secretary of the Canadian Association of Health, Physical Education and Recreation.

Dr. Smith took his university education at The Universities of Alberta and Western Ontario, gaining a PhD from Alberta in 1974. He acquired teaching and coaching experience at the Universities of New Brunswick and Western Ontario and, of course, The University of Alberta. Sport in Canadian Society, The Sociology of Sport, Introductory Football, and Introductory Basketball are among the courses taught by Dr. Smith since his appointment to The University of Alberta in 1972.

He helped coach varsity football from 1971-75 and was Head Coach of the varsity basketball team from 1976-79. □

## Printing Services Operations

There are certain developments and activities at Printing Services which may be of interest to the campus community at large. Prior to a formal information publication being produced, it was felt that a preliminary summary should be compiled and circulated at this time.

### Regraphics

The acceptance of the University's policy of offering a coordinated photocopying option has proved beneficial to those Departments who have made use of this advisory service. The accumulation of data to date indicates that the saving to the University is in the range of \$12,000 per month. This cost saving calculation is based upon the standard per copy consumables cost. The feedback that has been provided by the users of the Canon 80 photocopiers shows that the actual per copy cost averages 46 percent less than that used in the initial cost comparison on the installation of the equipment. The capital allocation for

the expansion of this program is limited this year to providing this service to those Departments who have a confirmed position on the waiting list. For further information, contact Earl Olsen at 432-4246.

### Duplicating Program

To reflect the increase in operating and materials costs, and a change in operating procedures, the Duplicating Program pricing formula has been adjusted as of 11 May 1981.

The new all inclusive cost pricing structure is *10 cents per original and 2 cents per copy* (including collating and stapling). Compared to the previous pricing of 25 cents per original and 1.5 cents per copy, all copies under 30 per original will be cheaper, and over 30 copies per original will be more expensive. This adjustment reflects the change in operating procedures in offering a more comprehensive service. Additional satellite operations are in existence and being planned, to satisfy the

need for a decentralized and faster turn-around service.

The most recent addition to these satellite operations is located in 114 Civil-Electrical Engineering Building. In addition to the service offered under the Duplicating Program at this location, a "help yourself walkup" service is available at 5 cents per copy, which includes reduction, collating, and hand stapling facilities. For further information, contact Walter Wilson at 432-4246.

Authorization has been given for the operation of a pilot project in the fall of 1981 at this particular satellite location which is designed to investigate the viability of a distributed information service. An IBM 6670 machine will be installed that provides a common

link for data processing and word processing output. The unit also serves as a text processor, a communications device, and a convenience copier. During this trial period, we hope to determine the usage pattern and acceptance of such services and charge rates being offered. For further information, contact Len Young at 432-4246.

### Publications Production System

In June 1981, there will be installed a publications production system to operate in conjunction with the APS-5 phototypesetter. This sophisticated text formatting system is intended to be integrated with the other facilities offered by the University. In anticipation of



## The University of Alberta

welcomes

### Nominations for Chancellor

to serve four years commencing July 1, 1982.

The Chancellor represents the public interest in the University; is elected from the general public by the University Senate; acts as Chairman of Senate, and ex officio member of the Board of Governors; and represents the University at ceremonial occasions.

Nominees should be Canadian citizens; should possess a strong interest in university-community affairs; and have adequate time to apply to the considerable duties involved.

Nominations, which should include the names and addresses of two nominators, the signed consent of the nominee and be accompanied by a resume, should be received by August 31, 1981. Please forward to :

Chairman, Search Committee for Chancellor  
c/o The Senate, The University of Alberta  
150 Athabasca Hall  
Edmonton, Alberta T6G 2E8

Tel. (403) 432-2268

the impact of this system on the way publications are currently being produced, it is intended to form a Publications Production Committee which will review existing and potential methods of publications production. For further information, please contact Bernie Cordell at 432-4246. □

people

*Jay Bishop and Lynne Baker,*  
Department of Educational Psychology, delivered a paper on 4 June entitled "Play in theory and practice: Its uses and abuses," at the national conference of the Canadian Guidance and Counselling Association in Calgary, Alberta.

*M.A. Price*, Department of Animal Science, was the beef specialist in a team retained by Deloitte Haskins and Sells Associates (Management Consultants) on behalf of the Province of Gangwon-Do (Alberta's sister province in Korea), to help them in a Livestock Development Project. The team's task was to study the Province and assess its suitability for beef and dairy production, make estimates of the number of cattle it would support and to outline appropriate management techniques.

*Dave Reid*, who has been the Vehicle Fleet Supervisor at the Vehicle Pool since May, 1971, will retire on 3 July. For the past ten years, Mr. Reid has become well known to staff who have needed to use University vehicles. An Open House will be held in the afternoon of 25 June, both to wish Mr. Reid a "Happy Retirement" and to view the Vehicle Pool's facilities at the Edmonton Research Station. Coffee and doughnuts will be available.

At the 25 May meeting of General Faculties Council, it was announced that *H.A. Quinney*, Faculty of Physical Education and Recreation, will replace G. Glassford as an elected member of Council. Dr. Glassford will become Dean of the Faculty on 1 July and, at the same time, an ex-officio member of Council.

## Letters

■ I would like to add these views to those of J.W. Osborn (*Folio*, 14 May 1981) in which he observes the importance of a student "learning to learn." Current research of an applied nature is being successfully brought to bear on overcoming problems that can impede effective studying (e.g., Brown, *et al.*, 1981).\* A major corporation has developed a computer-based course entitled "Learning to Learn" to teach members of the business world to learn more effectively. In light of declining numbers of students in North America and the swing to more education as we move to a service-oriented society, perhaps a "learning to learn" course would be highly beneficial for the University. The combination of research knowledge being accumulated with the technology of computer-based instruction makes the creation and individualized delivery of such a course possible.

*M. Szabo, Educational Psychology Manager, Instructional Systems*

\*Brown, A.L., Campione, J.C., & Day, J.D. Learning to learn. On training students to learn from texts. *Educational Researcher*, 10 (1981): pp. 14-21.

■ Just a brief note to say that I thought the obituary "Interdisciplinary Studies 1976-81" [*Folio*, 4 June 1981] was both sensitive and balanced. To whoever wrote it I offer my congratulations and thanks.

*Shade*

# Folio accepts display advertising

**Size and rates:** the basic unit size is 21 agate lines x 11 picas (1½" x 1⅓"). The full page is divided into 22 such units, any combination of which is available at a cost of \$15. per unit. Half page costs \$165. One column costs \$82.50. A professional/business card unit is available at a cost of \$30. Discounts are offered for extended runs, please enquire.

**Other specifications:** half-tones (100-line screen or less) are acceptable; no colour or bleeds. Camera-ready copy is necessary there is a charge of 30¢ per word for type-setting, and \$7.50 for adjudgment of design work. Deadline for submission is one week prior to publication (Thursday, 3 p.m.). Acceptance of advertisements and positioning are at the discretion of the editor.

These rates are effective from 1 January 1981. For more information please telephone 432-2325 and ask about *Folio* display advertising or write to:

*Folio Display Advertising*  
Office of Community Relations  
423 Athabasca Hall  
The University of Alberta  
Edmonton, Alberta  
T6G 2E8

## publications

Green, L.C. (Political Sciences):  
International Crimes and the  
Legal Process. 29 *International and Comparative  
Law Quarterly* (1980):  
pp. 567-84.

## service information

*All material to be included under this rubric must reach the Office of Community Relations by 9 a.m. the Thursday before the desired issue of Folio is due to appear. Such information is published according to the dictates of space available. Thus, publication cannot be guaranteed.*

### Coming Events

#### Music

*Provincial Museum*  
21 June. 2 p.m. Raimihuara Chilean Folk Group.  
28 June. 2 p.m. Conchita De Pechtel Spanish Dancers.

#### Jubilee Auditorium

18 and 19 June. 8 p.m. "Kupalo" an opera presented in Ukrainian. Tickets: Bass and Ukrainian Book Store.  
20 June. 7 p.m. Frances Kyte School of Baton. Tickets: at the door.  
21 June. 2 p.m. Canadian Progress Club Variety Show. Tickets: 420-6355.  
24 June. 8:15 p.m. I.T.V. Concert. Artist: to be announced. Tickets: Bass.  
26 June. 8 p.m. Chuck Girard in concert. Tickets: Inside Story and Canadian Bible Society.  
27 June. 1 p.m. St. Albert School of Dance. Tickets: at the door.  
28 June. 8 p.m. Roy Orbison in concert. Tickets: Bass.  
30 June. 7 p.m. and 10 p.m. Air Supply in concert. Tickets: Bass.

*Shadows at Waldens*  
Until 27 June. Brenda Morie-Gary Bowman Band.

*Edmonton Musical Theatre*  
23 to 27 June. "The Musical World of Leslie Bricusse." Tickets: Bass and the Citadel Theatre Box Office.

#### Films

*Edmonton Film Society*  
"British Classics"  
24 June. 8 p.m. "Pygmalion" (1938). All films will be shown in the Tory Lecture Theatre. For ticket information, please call 488-4335 after 4 p.m.

*National Film Theatre*  
18 June. 7:30 p.m. "Martin" U.S.A. (1977). 9:10 p.m. "Legacy" U.S.A. (1975).

19 June. 7:30 p.m. "Legacy."  
9:10 p.m. "Martin."  
21 June. 7:30 p.m. "Legacy..."  
9:10 p.m. "Martin."  
24 June. 7:30 p.m. "Violanta" Switzerland (1977). 9:15 p.m. "Messidor" Switzerland (1979).  
25 June. 7:30 p.m. "Messidor."  
9:40 p.m. "Legacy."  
26 June. 7:30 p.m. "Legacy."  
9:10 p.m. "Messidor."  
28 June. 8 p.m. "About Chileans," documentary and drama shot in Chile and Canada.  
1 July. 7:30 p.m. "La divina creatura/The Devine Nymph" Italy (1979).  
9:10 p.m. "My Brilliant Career" Australia (1979). All foreign language films are presented in the original version with English subtitles.

#### Provincial Museum

20 June. 2 p.m. "Be Water Wise," "Boating and Good Sense," "Get Wet," "Flight," "Sailing."  
21 June. 4 p.m. and 7 p.m. "Western Canada: Land of Discovery," "Summer in Canada," "Picture Canada."  
27 June. 2 p.m. "Coming Back Alive," "Song of the Paddle."  
28 June. 4 p.m. and 7 p.m. "Summer's Edge," "Bonjour Quebec," "Ontario Surprise," "Faces Ontario."  
1 July. 2 p.m. "Canada . . . A Holiday in Pictures," "Canada Impressions," "Highway One."

#### Edmonton Public Library

Mondays, 12 noon. Brown bag cinema. Centennial Library Theatre. Admission free.

#### Theatre

*Northern Light Theatre*  
Until 24 July. "St. Joan" by George Bernard Shaw.  
25 June. "Memoir" by John Murrell. Connor's Hill Tent. Tickets: 429-3110.

#### Exhibitions

*Shadows at Waldens*  
Until 20 June. An exhibition by printmaker Roger Sylvester.  
20 June to 4 July. Painting by Dale Travis.

#### Edmonton Public Library

*Foyer Gallery*  
Until 30 June. "Writing-On-Stone," an exhibition of work by Pat Gordon dealing with petroglyphs found in Writing-On-Stone Park in the Milk River Valley.

#### Photography Gallery

Until 30 June. "North American Nature Scenes," an exhibition of black and white photographs by Bruce Sheuermann.

#### Ring House Gallery

Until 21 June. Rada Greg. An exhibition of oil paintings by Toronto folk artist Rada Greg.  
Until 30 June. "Candy Collages" by Franz Spohn. An exhibition of colour cake decorations applied over photographs and vintage postcards.

#### Multicultural Heritage Centre

Until 5 July. "Parkland Potters and Weavers" with sketches by Lori Davis. Settlers' Cabin a "living museum" of pioneer and ethnic crafts. Handicraft Store features work by local artisans. Library and Archives with pioneer photographs, tapes and maps. Homesteaders' Kitchen serves lunch daily (except Mondays) noon to 2 p.m., coffee and dessert 2 p.m. to 4 p.m., and dinner Thursday evening from 5:30 p.m. to 7 p.m. The Heritage Centre is located at 5411 51 Street, Stony Plain. Telephone: 963-2777.

#### Provincial Museum

Continuing. Chinese Canadian Heritage and Cultural Exhibition. Feature Gallery #2.  
Until 29 June. "Elitekey" an exhibition of Micmac culture. Feature Gallery #3.  
Continuing. "Canada!" a selection of photographs and poems from across the country. Orientation Gallery.

#### University Special Collections

Until 6 July. "Shakespeare: Printed, Performed and Perverted."  
Until 4 September. "William Cowper, English Poet—250th Anniversary."  
B37 Cameron Library: Opening hours 8:30 a.m. to 4:30 p.m. Monday to Friday.

#### Edmonton Art Gallery

Volunteer Tour Guides required. For information please call 429-6781.

#### Provincial Archives

Until 21 June. A display of important historical church archival material. The material is taken from the Church Archives collection of the Provincial Archives.

#### Ukrainian Cultural

*Heritage Village*  
The Village is open to the public 10 a.m. to 6 p.m. daily until 31 August. It is located 45 km. east of Edmonton on Highway 16, and admission is free.

### *Alberta Natural Resources Science Centre*

The Centre consists of six permanent pavilions with displays that describe and interpret how Alberta's natural resources are put to use. Opening hours are Saturdays and Sundays from 11 a.m. to 5 p.m. School tours are available Monday to Friday. Admission and parking are free. The Centre is located east of Edmonton at the new Strathcona Science Park. For further information and bookings phone 427-9490.

### *Devonian Botanic Garden*

The Garden will be open to the public from May to September as follows: Weekdays 10 a.m. to 4 p.m. Saturdays, Sundays and Public Holidays 12 noon to 6 p.m. Tours can be arranged by calling 987-3054.

### *Rutherford House, 11153 Saskatchewan Drive*

The restored home of Alberta's first premier, A.C. Rutherford, is located on the University campus. Staff in period costumes show visitors through the house. Until Labor Day, open daily 10 a.m. to 8 p.m. Group tours may be arranged by calling 427-5708 at least one week in advance. Free.

### *Lectures and Seminars*

#### *The Northern Alberta Human Unity Council*

18 June. 8 p.m. A public meeting entitled "Awaken to Oneness" will feature speakers from a variety of backgrounds. Music Room, Centennial Library. For more information please call 483-8519.

#### *Technocracy Inc.*

23 June. 8 p.m. "A design for America's future," with W. Fryers. Purple Lounge, HUB Mall.

#### *Department of Biochemistry*

25 June. 4 p.m. R.C. Miller, Jr., University of British Columbia, will present a seminar entitled "The Transfer RNA Genes of *Drosophila*." 2-27 Medical Sciences Building.

### *Children's Events*

#### *Provincial Museum*

Saturday mornings. 10 a.m. Crafts program. For information please call 427-1766.

#### *Edmonton Public Library*

Saturdays. 10 a.m. Children's Cinema. Centennial Library Theatre. Saturdays. 1 p.m. Children's films and plays. Children's Library Theatre. 29 June. 3 p.m. to 6 p.m. Teenagers are invited to audition for the voice cover for a television commercial. Interested persons should contact Iolani Domingo at 423-2331 to pre-register.

#### *Department of Athletic Services*

Until 22 August. A series of summer

sports camps will be offered on campus to all children between the ages of eight and eighteen. For information, please call 432-5705 during office hours.

### *Notices*

#### *CUPMAC*

The 14th annual conference of the College and University Printing Management Association of Canada, will be held this year in Edmonton. Conference 1981 will be at the Terrace Inn from 23 to 26 June and will be hosted by The University of Alberta.

### *Non-Credit Courses*

#### *Faculty of Extension*

*English as a Second Language*  
Courses will be offered in English as a second language during the summer term. Evening courses will run from 13 July to 26 August and daytime courses will run from 27 July to 26 August. The fee for each level course is \$65. For more information, please contact Professor Ruth Pearce, 432-2497, 432-3036, or 432-3116.

#### *Computing Services*

##### *Client Training Sessions*

Computing Services is taking registrations between 8:30 a.m. and noon for the following non-credit courses. For further information, please telephone Information Services at 432-2463 or come to 319 General Services Building.

##### *Introduction to Text Formatting*

*Course number:* 586. *Date:* 14, 16, 21, 23 July. *Time:* 10 a.m. to 12 noon. *Fee:* \$15. *Prerequisites:* "MTS and Editor Fundamentals" course and a good working knowledge of the File Editor. *Place:* 328 GSB.

##### *Introduction to Computing*

*Course number:* 583. *Date:* 20 July. *Time:* 10 a.m. to 12 noon. *Fee:* \$. *Place:* 351 GSB.

##### *MTS and Editor Fundamentals*

*Course number:* 584. *Date:* 22 and 24 July. *Time:* 10 a.m. to 12 noon. *Fee:* \$10. *Prerequisites:* "Introduction to Computing" or equivalent working knowledge of a DECwriter terminal and MTS commands. *Place:* 351 GSB.

##### *Introduction to SPIRES*

*Course number:* 585. *Date:* 20 July. *Time:* 1 p.m. to 4 p.m. *Fee:* \$. *Prerequisites:* "MTS and Editor Fundamentals" course and the ability to use terminals and the File Editor well. *Place:* 328 GSB.

#### *Devonian Botanic Garden*

##### *Introducing Plants to People*

*Section II:*  
*"Primroses and Herbaceous Plants"*  
*Date:* 24 June. *Time:* 7 p.m. to 9 p.m.

*Fee:* \$4. *Telephone:* 987-3054.

*"Pond Life"*

*Date:* 4 July. *Time:* 10 a.m. to 3 p.m.

*Fee:* \$12. *Telephone:* 987-3054.

### *Division of Continuing Medical Education*

#### *Practical Electrocardiography*

*Date:* 25 to 27 June. *Fee:* Physician \$80, Residents and Nurses \$50 (including materials and lunches). *Telephone:* 432-6349. Co-sponsored by Division of Cardiology, Royal Alexandra Hospital and Astra Pharmaceuticals Canada Ltd.

### *Scholarships, Fellowships and Awards*

#### *Research Fellowships in Human Nutrition*

The Human Nutrition Research Council of Ontario is a nonprofit organization with the objective of improving knowledge and practice of human nutrition. Funded with one million dollars from the Provincial Lottery and aided by \$500,000 start-up funds from the Ontario Ministry of Health, the Council has already awarded some \$300,000 in grants for research in human nutrition.

A limited number of Fellowships are now offered to highly qualified candidates for full-time training in nutrition research. These Fellowships, which are tenable in Ontario, are available to Canadian citizens or permanent residents in Canada. Candidates must hold a MD, DDS, DVM or PhD degree.

Additional details and application forms may be obtained from Dr. T. Keith Murray, Executive Director, Human Nutrition Research Council of Ontario, PO Box 38, Stittsville, Ontario, K0A 3G0. (613) 836-1125.

### *Research Grants*

#### *Mellon Program in Chinese Studies*

The Mellon Program in Chinese Studies, sponsored by the American Council of Learned Societies and the Social Sciences and Humanities Research Council of Canada, is designed to serve the needs of younger China scholars and to enhance opportunities for collaboration with scholars in the People's Republic of China. The program is funded by the Andrew W. Mellon Foundation and is open to all citizens and permanent residents of the United States and Canada.

#### *Research and Study Fellowships*

With a value of US \$17,000 p.a., these Fellowships may be used for expanding on work already contained in a dissertation and for acquiring new methodological skills. Generally, candidates should be no further distant than five years from receiving their doctorates. Applications should be submitted no later than 1 December 1981 and should have the PhD in hand by 30 June 1982.

#### *Language Training Fellowships*

With similar regulations to the Fellow-

ships named above, these are for post-doctoral training and allow the successful candidates one year of language training in East Asia at US \$17,000.

#### *Summer Language Grants*

Grants of about US \$4,000 will be offered for intensive summer training for China scholars at mid-career or more advanced levels.

#### *Travel Grants*

These will be offered to scholars wishing to attend appropriate conferences in the People's Republic of China. They will also be made available for Chinese scholars for travel to similar congresses in North America.

Applications for travel grants should be sent to J.H. Parker of the ACLS. Dr. Parker requires the usual information. Awards will cover no more than the basic direct air fare. The deadlines are as follows: For conferences from December to February, 1 October; for conferences from March to May, 1 January; June to August, 1 April; September to November, 1 July.

#### *General Information*

For information concerning the above Fellowships and Grants, please write to the Office of Fellowships and Grants, ACLS, 800 Third Avenue, New York, NY, USA 10022.

### *Positions Vacant*

#### *Head, Humanities and Social Sciences Library*

The University of Alberta invites applications for the position of Head of the Humanities and Social Sciences Library. Principal duties consist of planning and organizing an active program of reference and information services; supervision of and participation in collection development activities; directing the work of twelve full-time librarian and nineteen support staff; administering one branch library and effective liaison with the Faculties served by the Library.

Professional library qualifications required. Preference will be given to a candidate with a degree in arts or social sciences and considerable experience in a humanities and social sciences library and in administration.

Salary according to experience and qualifications. Academic status, excellent fringe benefits, removal grant. Applicants should send curriculum vitae, transcripts of academic record, and the names of three references to Bruce Peel, Chief Librarian, University of Alberta, Edmonton, Alberta T6G 2J8. The University of Alberta is an equal opportunity employer.

#### *Operation Engineer*

#### *Biosciences Controlled*

#### *Environment Facilities*

*The Challenge:* Management, optimum energy operation and continual updating of multimillion dollar Controlled Environment Facilities consisting of plant and animal growth chambers,

fresh water and marine aquaria, green-houses and a human environment chamber.

**Background and Experience:** Requires professional training and experience in mechanical engineering or related discipline along with training in biological sciences environment studies. (Degree in Mechanical Engineering preferred.) Training in implementation of computer programs essential.

**Position open:** 1 August 1981.

**Starting Salary:** \$24,262/year, commensurate with experience.

Submit detailed résumé, including names of references, to:

W.E. Randall, Faculty of Science Office, CW223 Biological Sciences Building, University of Alberta, Edmonton, Alberta T6G 2E9.  
The University of Alberta is an equal opportunity employer.

#### Non-Academic Positions

To obtain further information on the following positions, please contact Personnel Services and Staff Relations, third floor, SUB, telephone 432-5201. Please do not contact the department directly. Positions available as of 12 June 1981.

Financial Records Clerk (\$415.08-\$495.71)—Mechanical Engineering

Clerk Typist II (\$830.15-\$991.42)—Zoology; Classics; Provincial Laboratory (2 positions); Faculty of Graduate Studies and Research; Central Stores

Clerk Typist II (Part-time) (\$474.27-\$566.55)—Continuing Medical Education

Clerk Steno II (\$861.22-\$1,030.83)—Mechanical Engineering

Library Clerk III (\$893.47-\$1,069.05)—Geography

Senior Clerk (\$893.47-\$1,069.05)—Technical Services (Graphics Division); Parking Services

Clerk Typist III (\$922.13-\$1,109.66)—Central Stores; Office of Administrative Systems

Student Records Processing Clerk (\$959.16-\$1,157.44)—Education—Student Records Office

Clerk Steno III (\$959.16-\$1,157.44)—Faculty of Nursing; Home Economics; Political Science; Pharmacy; Rural Economy; Business Administration and Commerce; Law; East Asian Languages and Literature; Drama; Boreal Institute of Northern Studies (2 Positions); Mineral Engineering (2 positions)

Accounts Clerk (\$991.42-\$1,205.22)—Office of the Comptroller (3 positions)

Systems Control Clerk (\$991.42-\$1,205.22)—Administrative Services

Data Entry Operator II (\$991.42-\$1,205.22)—Computing Services Assistant to the Buyer (Part-time) (\$515.42-\$628.89)—Purchasing

Medical Steno (Part-time) (\$515.42-\$628.89)—Medicine

Library Assistant (\$1,069.05-\$1,309.14)—Sociology

Administrative Clerk (\$1,069.05-\$1,309.14)—Radio and T.V.;

Physical Education; Personnel Services and Staff Relations Secretary (\$1,069.05-\$1,309.14)—

Education Clinical Services; Dean of Agriculture and Forestry; Graduate Studies and Research; History; Pharmacology; Pediatrics; Cardiac Care Evaluation (Trust)

Secretary/Executive Secretary (Part-time) (\$534.53-\$742.37)—Chemistry Departmental/Executive Secretary (\$1,205.22-\$1,484.74)—Physical Education; Religious Studies; Senate

Senior Control Clerk /\$1,205.22-\$1,484.74)—Animal Science

Art Technician Demonstrator I (Part-time) (\$654.57-\$808.67)—Art and Design (2 positions)

Laboratory Assistant II (\$861.22-\$1,030.83)—Genetics (Trust)

Programmer Analyst III (Part-time) (\$881.51-\$1,097.97)—Psychology

Building Services Worker II (\$959.16-\$1,157.44)—Building Services (Physical Plant); Housing and Food Services

Technical Assistant (\$991.42-\$1,205.22)—Design and Construction

Decontamination Services Worker I (\$1,030.83-\$1,257.77)—Radiation Control

Storeman II (\$1,030.83-\$1,257.77)—Pharmacy; Central Stores

Animal Technician I (\$1,069.05-\$1,309.14)—Bioscience Animal Services

Technician I (\$1,069.05-\$1,309.14)—Mechanical Engineering (Term); Medicine (Trust); Home Economics; Provincial Laboratory

Graphics Technician I/II (\$1,069.05-\$1,484.74)—Technical Services (Term)

Building Services Worker III (\$1,069.05-\$1,309.14)—Physical Plant (Building Services)

Farm Technician (\$1,069.05-\$1,309.14)—Animal Science

Technician I/Technologist I (\$1,069.05-\$1,484.74)—Plant Science (Trust/2 positions)

Senior Technical Assistant (\$1,109.66-\$1,365.29)—Physics; Graphics

Control Center Operator I (\$1,109.66-\$1,365.29)—Physical Plant (Operations)

Engineering Technologist I (\$1,157.44-\$1,423.29)—Physical Plant (Energy Management) (Term)

Building Services Worker IV (\$1,157.44-\$1,423.29)—Physical Plant (Building Services)

Laboratory Technologist I (\$1,205.22-\$1,484.74)—Provincial Laboratory (2 positions)

Technologist I (\$1,205.22-\$1,484.74)—Medicine (Trust)

Security Officer I (\$1,205.22-\$1,484.74)—Campus Security (2 positions)

Electron Microscope Technician II (\$1,205.22-\$1,484.74)—Pathology

Draftsman II (\$1,257.77-\$1,550.43)—Design and Construction

Parking Control Supervisor (\$1,309.14-\$1,617.33)—Parking Services

Art Technician Demonstrator (\$1,309.14-\$1,617.33)—Art and Design

Dental Hygienist (\$1,309.14-\$1,617.33)—University Health Service (Term)

Electronics Technician II (\$1,309.14-\$1,617.33)—Chemistry

Electronics Technician II/III (\$1,309.14-\$1,843.07)—Physics

Administrative Assistant (\$1,365.29-\$1,690.17)—Faculté Saint-Jean

Technologist II (\$1,365.29-\$1,690.17)—Pediatrics

Technologist II/III (\$1,365.29-\$1,924.31)—Plant Science (Trust/Term)

Applications Analyst (\$1,365.29-\$1,690.17)—Extension; Office of the Registrar

Maintenance Worker II (\$1,365.29-\$1,690.17)—Physical Plant (Grounds)

Engineering Technologist III (\$1,484.74-\$1,843.07)—Design and Construction

Programmer/Analyst II/III (\$1,484.74-\$2,195.45)—Office of the Registrar

Farm/Ranch Manager I (\$1,550.43-

\$1,924.31)—Soil Science

Pharmacist Supervisor (\$1,550.43-\$1,924.31)—University Health Services

Engineering Technologist IV (\$1,690.17-\$2,101.07)—Physical Plant (Energy Management)

Building Superintendent (\$1,617.33-\$2,009.10)—Physical Plant (Building Services)

Electronics Technician IV (\$1,690.17-\$2,101.07)—Physics

Programmer/Analyst III (\$1,763.03-\$2,195.45)—Computing Services; Office of Administrative Systems

Programmer/Analyst IV (\$2,101.07-\$2,629.04)—Office of Administrative Systems (2 positions)

Controlsfitter (Term) (\$2,312.27/month)

—Physical Plant (Maintenance)

Sublet—Two bedroom, unfurnished suite. Close to University. No pets. July-August. Djurdja 433-3283, 10932 79 Ave.

For rent—Sabbatical house. Small, two bedroom house, good access to University, 15 August 1981-15 August 1982. 432-5732.

For rent—Furnished house, 8 August to 30 Sept. On ravine, five minutes from downtown. \$700 per month. References and deposit required. Phone 452-0281 days, 474-6665 evenings.

For rent—Blue Quill, furnished, three bedroom bungalow. 1 August 1981-1 March 1982. \$700. Phone 434-1775.

For sale—Good financing, Laurier bungalow. Bring offers. Resi Richter 483-9432, 455-4135. Weber.

For sale—Exclusive Belgravia. Four bedroom bungalow with family room. New kitchen, developed basement. Resi Richter 483-9432, 455-4135. Weber.

For sale—New listing, Parkview. Charming two bedroom bungalow, double garage. Resi Richter 483-9432, 455-4135. Weber.

For sale—View, ravine. Glenora. Four bedroom, colonial, 3,116'. Resi Richter 483-9432, 455-4135. Weber.

For rent—House, furnished, Petrolia, August 81-82. Three bedrooms, 1½ baths, on crescent, good schools. \$650. 435-7561.

For rent—Three bedroom, furnished condo in Millwoods, well maintained, easy route to University. \$550/month, including utilities except telephone. Prefer couple/long term tenants. Contact 463-4903 (home), 454-1412 (work), AnnaMarie

For rent—Walk to University. Large, bright, furnished, one bedroom basement suite. \$325. Available early July. 483-5029.

For rent—One bedroom, luxury, condominium, unfurnished, 15 June-15 August. Contact Brent Collingwood 455-4181 or 474-3507.

For sale—10947 70 Ave. Three bedroom, semi, dining room. \$51,000 mortgage 10 1/4% due 1983. Double Garage. Darlene Swelin. Royal Trust. 436-5168, 435-4869.

For sale—Garneau Gardens. 10611 84 Ave. Luxury condominiums. 2 1/2% below prime financing. Underground parking, fireplaces, six appliances. Solarium windows. Possession 1 July. Two floor plans. Debra Lozinski 435-4869. Royal Trust.

For sale—Bungalow in excellent Greenfield location. Garage, developed basement. 436-1696.

Sublet—July, August. Furnished, bedroom in quiet, shared house. Lynn 433-6940. Garneau.

For sale—Three bedroom, cedar townhouse. Excellent Hearthstone unit in Riverbend. Attached garage, fireplace, recreation room, sauna.

Vendor will buy down mortgage. Faye Lund. Block Bros. 436-4240, 487-2422.

For sale—Belgravia. Three bedroom, semi-bungalow, finished basement,

#### Advertisements

*Advertisements must reach the Editor by 3 p.m. on the Thursday prior to publication date which date also serves as the deadline for cancellation of advertisements. The cost of placing advertisements is 30 cents per word with no discount for subsequent insertions. There are no refunds. There is maximum limit of 30 words and a minimum charge of \$1.50. Contributors' corrections will be assessed at \$1.50 for each line in which an alteration is made. Advertisements cannot be accepted over the telephone.*

#### Accommodations available

For sale—Executive townhouse. West end. Three bedrooms. Five appliances. Fireplace. Automatic garage door. End unit. Smaller complex. Phone 435-0250 evenings or weekends. No agents.

For sale—1,200 sq. ft. bungalow. Petrolia. Three bedrooms. Five appliances. Two fireplaces. Re-decorated. Superb location. Automatic two car garage door. Well treed. Phone 435-0250 evenings or weekends. No agents.

For sale—By owner. Belgravia cul-de-sac. Unique, multi-level. Huge deck, balconies, fireplace. T.V., family, dining room. Jacuzzi. Five bedrooms. Many extras. Garage. \$195,000 firm. By appointment only. Phone 435-1265.

For rent—1 Sept. 1981-July 1982. Large furnished, four bedroom home, Aspen Gardens. 435-2412.

bright windows, oak floors, attractive trees and garden, garage and plentiful storage space, \$120,000. 434-8946.

For sale—75.78 acres, no. 1 agricultural land. Excellent building site. Has farm building, mobile home, two-car garage, good water, power. 985-3061, 433-2856. Leduc County. 40 minutes to Edmonton.

For rent—House near University. Summer session, term 2 only. Reasonable exchange for housesit. 436-0571.

For sale—Lakeview lot. Pigeon Lake, 125'x400', half treed, road access. Please call 428-3107.

#### Accommodations wanted

Couple doing graduate work looking to rent two bedroom house, close to University for one year beginning August/81. References available. T. Kotyshyn, 43 Oyen Crescent, Red Deer. T4P 1T3. 342-0375 collect.

Two working professionals wish to rent two bedroom house in Garneau, McKernan, Strathcona areas for 1 August 1981. Phone Richard McNally 482-7311, 439-3620 evenings.

Responsible, visiting professor and family require three bedroom, furnished home. August 1981-August 1982. References. Reply to Dr. F. Ellyin, 2041 Bretagne, Sherbrooke, Quebec. J1J 1R5. Phone (819) 565-2099.

Sabbatical family wants 2/3 bedroom furnished house or apartment for one year. (Somewhat flexible) starting Sept. 1981. Price about \$600 monthly. 432-5382.

Responsible couple, two young children want 2/3 bedroom house/duplex. Unfurnished/partly furnished. Long term from July/August. University/Bonnie Doon. 432-5510, 434-0434.

Have qualified buyer for house in Windsor Park area, walking distance to campus. Thinking of selling? Call without obligation, completely confidential. Clarence at RE/MAX Realty, bus. 438-1575, res. 434-5296.

**Automobiles and others**  
1980 Acadian Chevette must be sold. \$4,800, low mileage. 435-4524 evenings. 1976, Plymouth Fury, stationwagon. 46,000 original miles, one year old

paint. Radial tires, pb/ps, radio, transmission cooler, hitch, excellent condition. \$2,400. Louise 466-2196 daytime, 469-8677 evenings.

1976 Suzuki motorcycle. New motor. 452-6888.

#### Goods for sale

Antiques; furniture, porcelain, glass, jewellery, silver, collectibles. Appraisals executed for insurance and identification. 12-5 p.m. Mary Goulet Antiques, 10437 142 St. 453-2008, res. 452-8549.

Solid pine wood dining-room and living-room suites for sale. 437-6797 after 6 p.m.

Female puppy. Mother, red doberman, father unknown. 436-5168 after 6 p.m.

#### Services

Donnic Typing Services Ltd. Specializing in word processing. 301A 10454 Whyte Avenue. 432-1419.

Kozak Business Services: Complete typing service available. Student discount. #305, 9924 106 Street. 433-3068, 487-1885.

Singing teacher, Eileen Turner. 439-4661.

Typing on word processor. Call Darlene 452-1074.

Piano, theory lessons. Robert Gariepy 433-7238.

Typing and photocopying at mark 9, 9004 112 St. HUB Mall. Experienced thesis typists. 432-7936.

Good Neighbor Fence and Deck.

Quality workmanship for fences, decks, and custom construction projects. References. 465-7442.

Exterior painting. Excellent workmanship. Well experienced. 435-7157.

Select Introductions. Someone for everyone. 434-8092.

Malaysian gentleman (34) BA, civil servant of Malaysia government, seeks lady teacher under 30 to return to his country with him, for help and companionship. Box 4129 PSSE Edmonton

Wanted: Secretary. Duties include management of small office, with some typing and bookkeeping. Competitive salary with full benefits. Call 434-4882 evenings.

## Garneau Mews

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1-5 p.m. Saturday-Sunday

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After hours: 475-0965